

## AMENDMENTS TO THE SPECIFICATION:

On page 1, immediately following the title, please insert a heading as follows:

### BACKGROUND OF THE INVENTION

The heading on page 1, line 5 has been changed as follows:

~~Description~~ Field of the Invention

On page 1, line 10 please inset a heading as follows:

Related Technology

The paragraph beginning on page 1, line 14 has been changed as follows:

~~International patent application~~ WO 99/67449 describes a method of this generic type for the production of mono-crystalline powder ~~consisting~~ of semiconductor material, with which powder particles of  $\text{CuInSe}_2$  can be produced. With this method, the components of the semiconductor material are melted in a stoichiometric composition, a fluxing agent is added and the melt with the fluxing agent is brought to a temperature at which the powder crystallizes out and the powder particles grow. NaCl, Se, As, arsenides or selenides can be used as the fluxing agent.

On page 1, line 21 please insert a heading as follows:

### SUMMARY OF THE INVENTION

The paragraphs beginning on page 1, line 22 have been changed as follows:

The invention ~~is based on the objective of refining~~ provides a method of ~~the generic type in such a way that~~ providing a  $\text{Cu(In, Ga)Se}_2$  powder wherein the properties of the powder particles are improved with an eye towards their use in a solar cell.

~~It is also the objective of the~~ The invention to create also provides a mono-particle membrane solar cell with the highest possible efficiency factor.

~~In terms of the method, this objective is achieved according to the~~ Accordingly, the invention ~~by provides~~ a method for the production of a powder consisting of a  $\text{Cu(In,Ga)Se}_2$  compound, said the method comprising including the following steps:

The paragraphs beginning on page 2, line 11 have been changed as follows:

- producing a powder of the CuIn and/or CuGa alloy,
- adding Se ~~as well as~~ and either KI or NaI to the powder,
- heating ~~up~~ the mixture until a melt is formed in which the  $\text{Cu(In,Ga)Se}_2$  recrystallizes and, at the same time, the powder particles to be produced grow,

On page 2, line 20 please insert a heading as follows:

#### DETAILED DESCRIPTION

The paragraph beginning on page 6, line 13 has been changed as follows:

The powder ~~consisting~~ of the alloys CuIn and CuGa is now filled into an ampoule that is made of a material that does not react with any of the substances that are to be placed into it. Thus, it is made, for example, of quartz glass.

The paragraph beginning on page 7, line 11 has been changed as follows:

The melt is kept constant at the pre-set temperature during a certain holding time. Depending on the desired particle size, a holding time between ~~[[5]]~~ five minutes and 100 hours can be required. Typically, this is about 30 hours.